



An update on the 50% Special Study

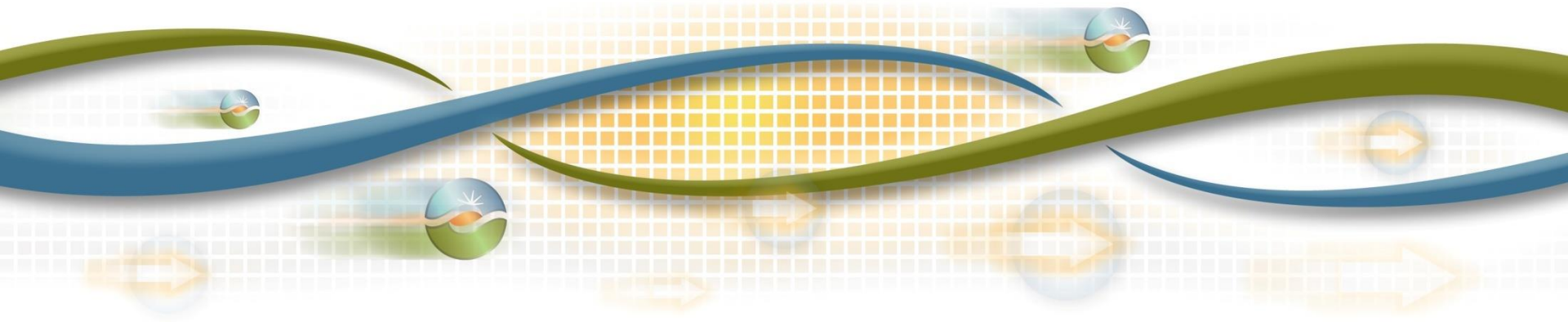
Performed as part of 2015-2016 Transmission Planning Process

RPS Calculator Workshop

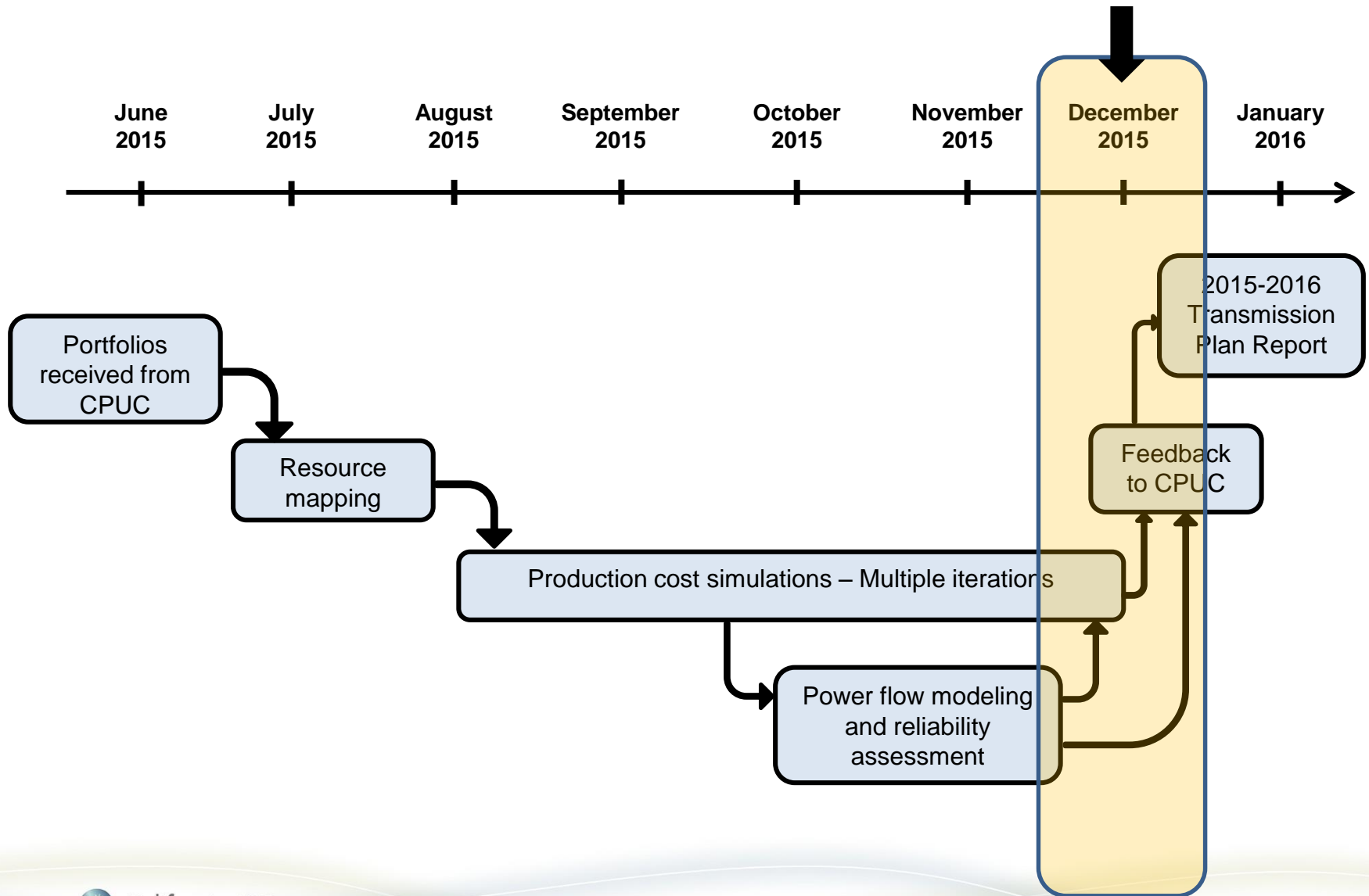
December 09, 2015

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California ISO



50% Special study timeline



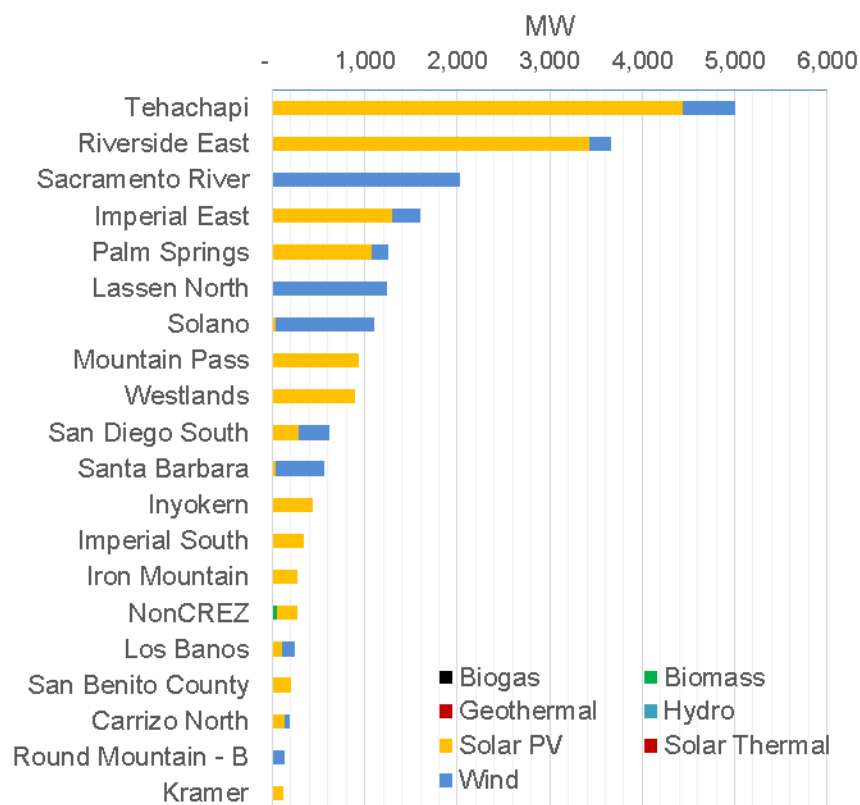
Objective

- ❑ Carry out a preliminary investigation into the feasibility and implications of moving beyond 33% using Energy Only (EO) procurement
- ❑ Test the transmission capability numbers used in RPS calculator v6 and update these for the next release of RPS calculator
- ❑ Strictly an informational effort –
 - will not provide basis for procurement/build decisions in 2015-16 TPP cycle
 - Will be used to develop portfolios for consideration by CAISO in future TPP cycles

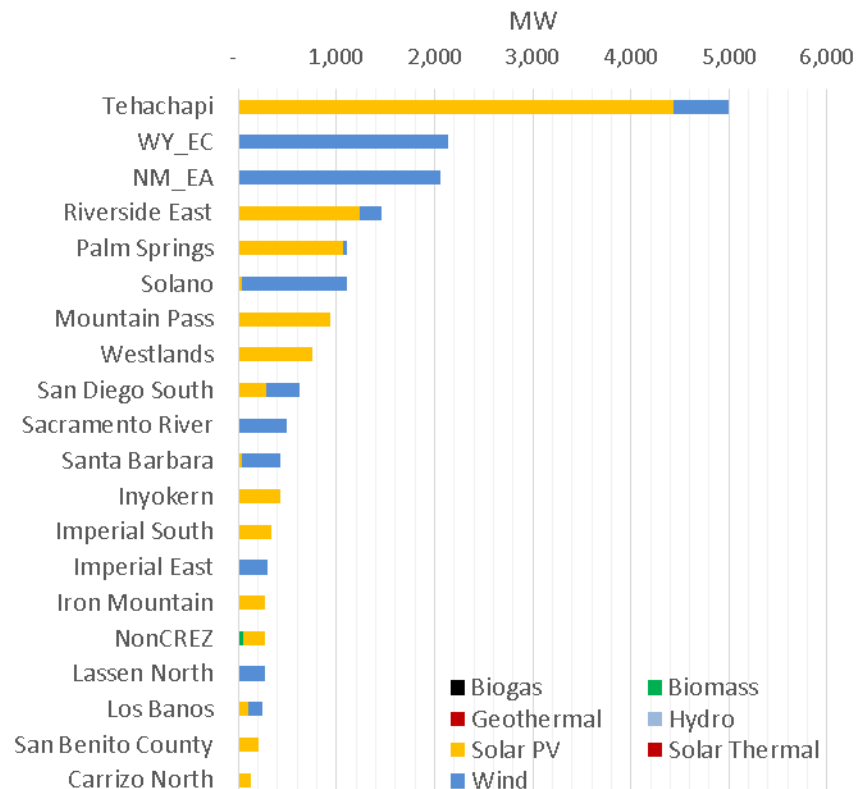
Portfolios selected for special study

- RPS calculator v6 was used to generate the portfolios

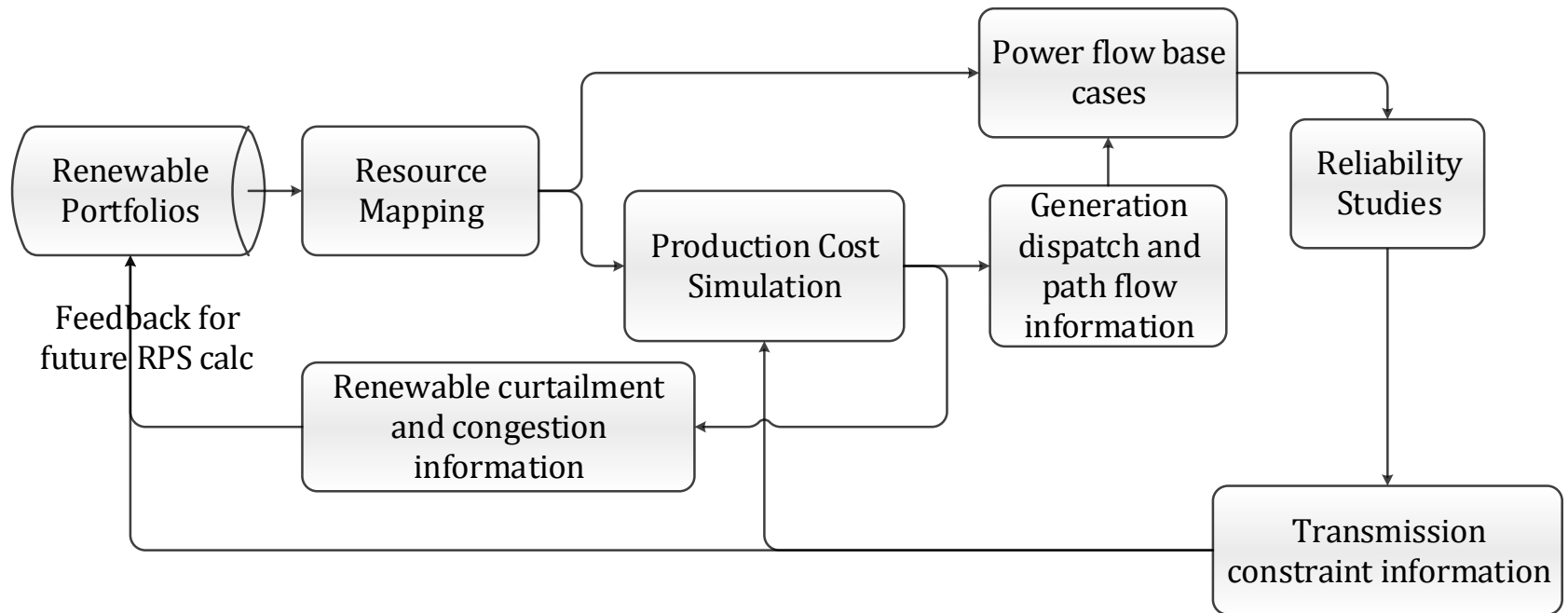
In-state 50% Portfolio



Out-of-State 50% Portfolio



Study scope and approach



Expected outcomes and next steps:

- Feedback to CPUC staff by December 23, 2015
- Two main components of CAISO's feedback
 - Extent of renewable curtailment and congestion impacting conventional generation based on production cost simulation studies for In-State and Out-of-State portfolios
 - Identification of transmission limitations above and beyond what is captured in production cost simulation
- The results will be published in the draft 2015-2016 Transmission Plan (January 2016)
- The CAISO is reviewing preliminary results now, on schedule to meet the above timelines.

Next year:

- 2016-2017 Special Study:
 - We do anticipate further special studies
 - Detailed scope will consider the CPUC's decisions regarding the next steps for the RPS calculator, study objectives, and consideration of the final results of 2015-2016 special study

Questions?